

IQ Earth Forum
Effective Interpretation
for Conventional and
Unconventional Reservoirs



1-4 June 2014
Moody Gardens Hotel • Galveston, Texas

Sunday, 1 June 2014

1:30-5 pmRegistration
 5:30-7 pmWelcome Reception

Monday, 2 June 2014

Session 1..... Overview

8:30-8:45 am.....Opening
 8:45-9:15 am.....**A Look Back at the 2013 IQ Earth Forum**
Carmen Dumitrescu, Terra-IQ Ltd.
 9:15-9:30 am.....Discussion
 9:30-10 am.....**Effective Glue Between Geoscience Concepts, Data and Modeling Systems** *Mark Verschuren, Shell; David Butler, Limit Point Systems, Inc.*
 10-10:15 am.....Discussion
 10:15-10:30 am.....Break
 10:30-11 am.....**Mining SEAM with Data** *Bill Barkhouse, SEG*
 11-11:15 am.....Discussion
 11:15-11:45 am.....**Energistics Overview: Open Data Exchange Standards** *Jay Hollingsworth, Energistics*
 11:45 am-12 pm.....Discussion
 12-1:30 pmLunch

Session 2..... Geology

1:30-1:45 pmOpening
 1:45-2:15 pm**Attribute Interpretation Leads to Prospect Generation** *Otto J. Welper, Viking International Petroleum LLC*
 2:15-2:30 pmDiscussion
 2:30-3 pm**Reservoir Heterogeneity and Quality of the Late Ordovician Glacio-fluvial Tight Gas Reservoirs using an Outcrop Analog, Saudi Arabia** *Islam El-Deek, King Fahd University of Petroleum*
 3-3:15 pmDiscussion
 3:15-3:30 pmBreak
 3:30-4 pm**Distillation of Seismic Attributes to Geologic Significance** *Rocky Roden, Geophysical Insights*
 4-4:15 pmDiscussion
 4:15-4:45 pm**Seismic Attributes- Opportunities and Limitations** *Andreas Laake, Schlumberger*
 4:45-5 pmDiscussion

Tuesday, 3 June 2014

Session 3..... Engineering

9-9:15pmOpening
 9:15-9:45 am.....**A Probabilistic Approach to In-place Volume Estimation** *Emmanuel Schnetzler, NEOS GeoSolutions*
 9:45-10 am.....Discussion
 10-10:15 amBreak
 10:15-10:45 am.....**Ground Truth for Natural Fracture Prediction** *Amy Fox, Canadian Discovery Ltd.*
 10:45-11 am.....Discussion
 11-11:15 am.....Break
 11:15-11:45 am.....**Production-focused Seismic - Maximizing the Use of Seismic for Well Productivity** *Sean Boerner, Global Geophysical*
 11:45 am-12 pm.....Discussion
 12-1:30 pmLunch

Session 4..... Interpretation

1:30-1:45 pmOpening
 1:45-2:15 pm**Integrated Interpretation—The Value of Connecting the Multi-Disciplinary Dots** *Craig Beasley, NEOS GeoSolutions*
 2:15-2:30 pmDiscussion
 2:30-3 pm**Anisotropic 3D Inversion of Towed Streamer EM Data** *Masashi Endo, TechnoImaging*
 3-3:15 pmDiscussion
 3:15-3:30 pmBreak
 3:30-4 pm**3D Inversion of Airborne EM Data for Oils Sands Exploration and Hazard Mitigation** *Leif H. Cox, TechnoImaging*
 4-4:15 pmDiscussion
 4:15-4:45 pm**Global Interpretation- Solving the Interpretation and Correlation Challenge** *Bruno de Ribet, Paradigm*
 4:45-5 pmDiscussion
 6:30-9 pmDinner

Wednesday, 4 June 2014

Session 5..... Interpretation II

8:30-8:45 am.....Opening
 8:45-9:15 am.....**Multicomponent Seismic Framework for Volumetrics and Monitoring** *Robert R. Stewart, U of Houston*
 9:15-9:30 am.....Discussion
 9:30-10 am.....**Determining Reservoir Quality in Niagran Reefs, Michigan: An Integrated Approach** *Allen Modroo, Core Energy LLC*
 10-10:15 am.....Discussion
 10:15-10:30 am.....Break
 10:30-11 am.....**Rock-physics Templates in Unconventional Reservoirs to Guide Seismic Classification** *Carl Reine, Canadian Discovery Ltd.*
 11-11:15 am.....Discussion
 11:15-11:45 am.....**Resistivity Estimation from Multicomponent Seismic: Case Study from Athabasca Oil Sands** *Carmen Dumitrescu, Terra-IQ Ltd.*
 11:45 am-12 pm.....Discussion
 12-1:30 pmLunch

Session 6..... Datasets and Road Ahead

1:30-1:45 pmOpening
 1:45-2:15 pm**Data types and format handshakes** *Jill Lewis, Troika International Ltd.*
 2:15-2:30 pmDiscussion
 2:30-3 pm**International Government Requirements for Retention and Reporting the Interpretation Products** *Ugur Algan, Volantice, Ltd.*
 3-3:15 pmDiscussion
 3:15-3:30 pmBreak
 3:30-4 pm**Overview of RESQML and MICROML Standards: Enabling Cross-applications Workflows from Micro-Seismic and Interpretation to Full Reservoir Models** *Jay Hollingsworth, Energistics*
 4-4:15 pmDiscussion
 4:15-5 pmClosing Panel/Discussion